

BAGE5 Polyclonal Antibody

Catalog # AP73244

Specification

BAGE5 Polyclonal Antibody - Product Information

Application WB
Primary Accession Q9UL15
Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

BAGE5 Polyclonal Antibody - Additional Information

Gene ID 9529

Other Names

BAG5; KIAA0873; BAG family molecular chaperone regulator 5; BAG-5; Bcl-2-associated athanogene 5

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

BAGE5 Polyclonal Antibody - Protein Information

Name BAG5

Synonyms KIAA0873

Function

Co-chaperone for HSP/HSP70 proteins. It functions as a nucleotide-exchange factor promoting the release of ADP from HSP70, thereby activating HSP70-mediated protein refolding (PubMed:20223214). Has an essential role in maintaining proteostasis at junctional membrane complexes (JMC), where it may function as a scaffold between the HSPA8 chaperone and JMC proteins enabling correct, HSPA8-dependent JMC protein folding (By similarity). Inhibits both auto-ubiquitination of PRKN and ubiquitination of target proteins by PRKN (By similarity).

Cellular Location

Note=In cardiomyocytes, localized at specialized membrane contact sites between T-tubules and the sarcoplasmic reticulum, known as junctional membrane complexes {ECO:0000250|UniProtKB:Q8Cl32}



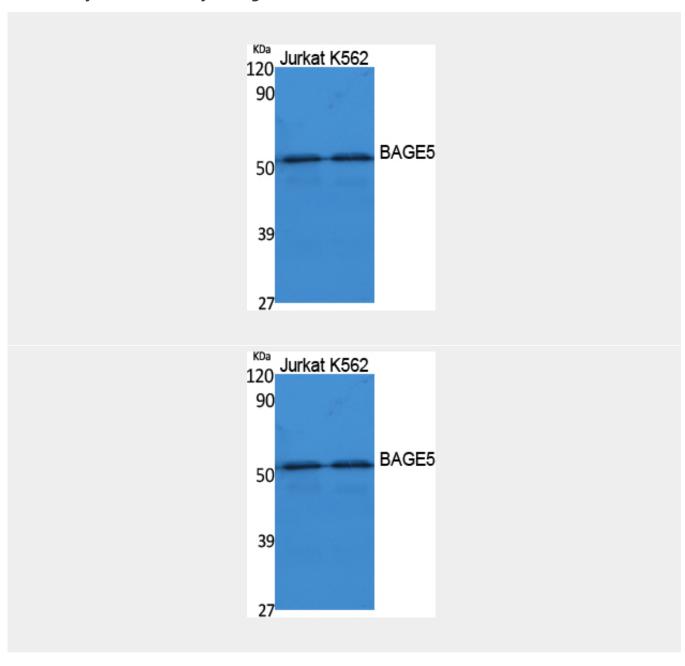
Tissue Location Expressed in the heart.

BAGE5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

BAGE5 Polyclonal Antibody - Images







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BAGE5 Polyclonal Antibody - Background

Inhibits both auto-ubiquitination of PRKN and ubiquitination of target proteins by PRKN (By similarity). May function as a nucleotide exchange factor for HSP/HSP70, promoting ADP release, and activating Hsp70-mediated refolding.